

20030403.qrp v02_n879.qrl.20030403

Date: Thu, 3 Apr 2003 19:03:11 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 2879

QRP-L Digest 2879

Topics covered in this issue include:

- 1) [148498] Re: First Rock-Mite QSO
by "Jay Bromley" <w5jay@alltel.net>
- 2) [148499] NEQRP CW Net, Thursday, 3 Apr 03, 08:30 PM EST, 3.568 MHz
by Chuck Ludinsky <cjl@mitre.org>
- 3) [148500] Load Center Surge Protectors
by "Don Foster" <k5kw@geotec.net>
- 4) [148501] Re: Load-Center Surge Suppressors
by Tim Groat <tcgroat@earthlink.net>
- 5) [148502] Re: Fwd: Grab Your Binoculars
by "Brad Hernlem" <alihernlem@hotmail.com>
- 6) [148503] CURIOUS ANT QUESTION
by hamjoel@juno.com
- 7) [148504] Re: SHOCK & AWE (was BBQ Rules)
by wkhibbert@juno.com
- 8) [148505] Rock-Mites running FSK
by "Bill, N4QA" <n4qa@hotmail.com>
- 9) [148506] Re: Rear Window Defrost as an antenna
by WE7X@aol.com
- 10) [148507] Re: CURIOUS ANT QUESTION
by "Charles W3KC" <w3kc@starpower.net>
- 11) [148508] Arkiecon's the Force is with US!
by "Jay Bromley" <w5jay@alltel.net>
- 12) [148509] Re: Soldering Irons
by "Mark Andrews \ (KE4IOF\)" <KE4IOF@ke4iof.com>
- 13) [148510] Arkiecon 2003 sched.
by "Jay Bromley" <w5jay@alltel.net>
- 14) [148511] [re]Effect of "Level" Control
by "Doc K0EVZ" <dock0evz@earthlink.net>
- 15) [148512] Arkiecon Prizes
by "Jay Bromley" <w5jay@alltel.net>
- 16) [148513] Signing up for QRP related Yahoo groups
by Mike Czuhajewski <wa8mcq@comcast.net>
- 17) [148514] Re: SHOCK & AWE (was BBQ Rules) - comment
by "Charles Mabbott" <aa8vs@msn.com>
- 18) [148515] Re: SHOCK
by leehopp@msn.com
- 19) [148516] [CONTEST] N2CQ QRP Contest Calendar - April 2003

- by "Ken Newman" <N2CQ@Dandy.Net>
- 20) [148517] Re: CURIOUS ANT QUESTION
by wkhibbert@juno.com
- 21) [148518] Re: Question on Wideband Transformers/Use of 'filar windings
by "Brad Hernlem" <alihernlem@hotmail.com>
- 22) [148519] April Spartan Sprint Announcement
by "John Huffman" <hjohnc@core.com>
- 23) [148520] THANKS FOR ANT REPLIES
by hamjoel@juno.com
- 24) [148521] Fw: Load-Center Surge Suppressors
by "Walter Amos" <waltk8cvamosqrp@earthlink.net>
- 25) [148522] FS: 6-M rig
by "AI2Q" <ai2q@adelphia.net>
- 26) [148523] Re: Arkiecon Prizes
by "Jay Bromley" <w5jay@alltel.net>
- 27) [148524] Re: Fw: Load-Center Surge Suppressors
by David Hinerman <WD8CIV@worldnet.att.net>
- 28) [148525] RE: Is the MFJ balun correctly jumpered into the circuit?
by "Upton, Shawn" <SUpton@ALLEGROMICRO.com>
- 29) [148526] Re: BBQ April 6th, 2003 [long]
by "Noyce, Bill" <william.noyce@hp.com>
- 30) [148527] Re: CURIOUS ANT QUESTION
by Steve.Lawrence@ITWFEG.COM
- 31) [148528] Re: BBQ April 6th, 2003 [long]
by "Russ Hines" <wb8zcc@one.net>
- 32) [148529] Hamvention in Dayton, OH
by Hank Kohl K8DD <k8dd@arrl.net>
- 33) [148530] Re: BBQ April 6th, 2003 [long]
by W2AGN <w2agn@w2agn.net>
- 34) [148531] RE: BBQ April 6th, 2003 [long]
by Mark Schoonover <schoon@amgt.com>
- 35) [148532] Circuit for 2M Tx Hunting
by "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>

Date: Wed, 2 Apr 2003 19:01:06 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <k5di@zianet.com>,
"Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [148498] Re: First Rock-Mite QSO
Message-ID: <00f201c2f97c\$8284d700\$469b66a6@jay>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

HI Carl and gang,

Well I think it is do-able? I was on 20m the other day and called CQ on 14.060. I heard a W8 calling me, but I kept the beam aimed out west since you really no longer know where a station is these days. I gave him a 559 with no problems! He was peaking S3 to S5. When I copied that he was indeed in Ohio, I moved the beam around and he was S-9! So if a K2 is 40 dB stronger it would have put him at 40 over S-9. I've heard many a K2 on 40m and 20m that loud or louder here! But my S meter maybe crap?

I couldn't believe how good that Rock Mite sounded!!

Many thanks and 73 de jay..

----- Original Message -----

From: "Karl F. Larsen" <k5di@zianet.com>

To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>

Sent: Wednesday, April 02, 2003 10:24 AM

Subject: Re: First Rock-Mite QSO

>
> Hi Gene I think there is something wrong with your numbers. If Randy was
> a true 599 and you were 449 that's a 5 s unit or 54 DB difference. This
> is just too big. Your .3 watts is .6, 1.2,2.4,4.8 or 12 DB lower than
> Randy's 5 watts.
>
> You should have been 479 at the least. Unless your Rock-mite
> receiver is 40 DB better then a K2...:-)
>
> Also Gene I have a Rock-mite built that works but never made a contact
> with it. By the way mine has just 1 pic chip and the other seems to be
> an RF device. Not like the one on QST this month of April.
>
>
> On Tue, 1 Apr 2003, Gene - NN7CK wrote:
>
> > Although I built my 40 meter Rock-Mite a number of months ago I never
put it
> > on the air until tonight.
> >
> > Tonight I had a nice QSO with Randy, K7TQ on his K2 at 5 W (599) and my
300
> > mw Rock-Mite (449).
> >
> > On-Line mileage calculator says 6,844 miles per watt!
> >
> > Thanks Dave for developing this little jewel and making it available to
us..

> >
> >
>
> --
>
> - Karl Larsen k5di Las Cruces,NM Az ScQRPions -
>
>

Date: Wed, 02 Apr 2003 20:24:17 -0500
From: Chuck Ludinsky <cjl@mitre.org>
To: neqrp@jonal.net, qrp-1@lehigh.edu
Subject: [148499] NEQRP CW Net, Thursday, 3 Apr 03, 08:30 PM EST, 3.568 MHz
Message-ID: <3E8B8D41.4060602@mitre.org>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii; format=flowed
Content-Transfer-Encoding: 7bit

NOTE THE CHANGE IN FREQUENCY TO 3.568 MHZ.

The New England QRP Club's 80M CW net, WQ1RP, will meet again on Thursday, 3 April 2003, at 8:30 PM EST (01:30Z, 4 Apr 03) on or near 3.568 MHz. All hams are welcome. Net control operator will be Chuck, K1CL, operating from Chelmsford, MA.

Conditions for last week's net were poor, with QRM from an adjacent digital signal making all but the strongest signals difficult to copy. Nonetheless, we had six participants in the net:

K1YPP	Dennis	Hampsted, NH	599
WA8BXN	Mike	nr Cleveland, OH	389
WB1HBE	John	Chelmsford, MA	599
W2SH	Charles	Millington, NJ	599
KD1YV	Jim	Bethel, CT	489
K1CL	Chuck	Chelmsford, MA	net op

Thanks to everyone for QNI'ing.

Since the digital signal appears to be camped on frequency night after night, and is currently exceeding S9+20dB, we will try moving up to 3.568 MHz (+ or - other QRM). Please stop by this week and say hi to everyone on the net.

72 DE K1CL,

Chuck

Date: Wed, 2 Apr 2003 19:30:31 -0600
From: "Don Foster" <k5kw@geotec.net>
To: <qrp-1@Lehigh.EDU>
Subject: [148500] Load Center Surge Protectors
Message-ID: <003701c2f980\$9e76a160\$ae5258d8@21byq>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Great question, Charles. There are several power company engineers here on the reflector and I, also, will be interested in their response. I had such a device installed at my previous QTH, and am considering one here at the new one.

72,

Don, K5KW

Date: Wed, 02 Apr 2003 18:48:02 -0700
From: Tim Groat <tcgroat@earthlink.net>
To: qrp-1@lehigh.edu
Subject: [148501] Re: Load-Center Surge Suppressors
Message-ID: <5.1.1.6.2.20030402183306.00a16ec0@mail.earthlink.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

I've been using a Square-D "Surgebreaker" suppressor in my main panel the past nine years. This fits into a standard 2-pole breaker position and also has a wire to the neutral bus. It only fits in Square-D panels, of course. I also use the typical outlet strip suppressors for the radios, computer, etc. as a second level of protection.

Results: no news is good news. That's with above-average surge exposure (rural area, overhead power lines, moderate thunderstorm frequency). But there's been no direct hits (so far).

No interest in Square-D, not to be used as professional advice, anecdotal

evidence isn't proof, your mileage may vary.

72,

--Tim (KR0U)

>"Charles W3KC" <w3kc@starpower.net>:

>

>Any of you folks have any experience with subject devices? Considering
>installing one in the main service breaker panel in an attempt to provide some
>measure of transient surge protection for the whole house (radios, computers,
>appliances with microcircuitry, etc.).

>72 de Chas W3KC

Date: Thu, 03 Apr 2003 02:09:18 +0000
From: "Brad Hernlem" <alihernlem@hotmail.com>
To: qrp-l@lehigh.edu
Cc: n4xy@earthlink.net
Subject: [148502] Re: Fwd: Grab Your Binoculars
Message-ID: <F121SYNIPukg3n0pj5300021245@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Shoot! I clicked on the message (I use the Archive) thinking it was going to be about wideband transformers, baluns or something like that. :-(

Brad KG6IOE

MSN 8 with e-mail virus protection service: 2 months FREE*
<http://join.msn.com/?page=features/virus>

Date: Thu, 3 Apr 2003 02:13:13 GMT
From: hamjoel@juno.com
To: qrp-l@Lehigh.EDU, fpqrp-l@mpna.com
Subject: [148503] CURI0US ANT QUESTION
Message-ID: <20030402.181333.27358.447398@webmail01.lax.unttd.com>

HIGH Y;ALL

ah gonna try and stay close to english as used north of I10...

I wants to make an antenna... consisting of two dipoles cut the same length and fed at the center with 300 ohm twin lead... the twin lead cut the same length on each antenna to the radio....

here's the catch... i wants to put one twin lead to my radio.... through a tuner... and then ah wants to put the other twin lead to another tuner and try to make the ant directional in one direction or the other by adjusting the tuner connected to the other antenna.... I guess spacing of the dipoles would need to be a quarter wave on the band of choice....

also i wonders iffin i could get other directions outta the antenna with this method...

any feed back would be apreciated as ah gots to take down my working antenna to try this...

Ah thanks u in advance

ke1la

joel in maine

displaced and looking for warm wx...

KE1LA JOEL

IN MAINE

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Date: Wed, 2 Apr 2003 22:43:28 -0500

From: wkhibbert@juno.com

To: qrp-l@lehigh.edu

Subject: [148504] Re: SHOCK & AWE (was BBQ Rules)

Message-ID: <20030402.224328.-406717.0.wkhibbert@juno.com>

MIME-Version: 1.0

Content-Type: text/plain; charset=us-ascii

Content-Transfer-Encoding: 7bit

Hi. Keith here in the Depths of the Great Bergen Swamp

For whatever reason the post on the rules did not get through here.

Maybe one of my filters got it.

What was the date of the original post? I have the Archives, but not the time to dig a lot.

Thanks.

73, Wm. Keith Hibbert, WB2VU0, TC/WNY ARRL Section
President, Brockport Amateur Radio Klub
"My night light runs more power than my Rig!!!"

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Date: Wed, 02 Apr 2003 22:50:53 -0500
From: "Bill, N4QA" <n4qa@hotmail.com>
To: qrp-1@Lehigh.EDU
Subject: [148505] Rock-Mites running FSK
Message-ID: <BAY1-F15uSbh29cM3or000217b8@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Just listen with a separate receiver as you key your Rock-Mite and what do you hear...? FSKCW...(separate rcvr's BFO must be 'on') ok Mark & Space tones also differ by *several* dB in amplitude and the shift might be considered 'wide' with the stock configuration but...
Well, I was sittin' in that same spot at work today when I decided to go multi-mode with the Rock-Mites too. RTTY & ASCII etc first...who knows what may pop up after that. Hope you guys won't mind a little QRPP non-CW experimentation around the QRP CW watering holes...hee hee hee...Dave, I love you, man...

73.
Bill, N4QA
<http://www.qsl.net/n4qa/>

STOP MORE SPAM with the new MSN 8 and get 2 months FREE*
<http://join.msn.com/?page=features/junkmail>

Date: Wed, 2 Apr 2003 23:02:32 EST

From: WE7X@aol.com
To: buydens@duke.usask.ca, qrp-1@lehigh.edu
Subject: [148506] Re: Rear Window Defrost as an antenna
Message-ID: <1d3.69ae747.2bbd0c58@aol.com>
MIME-Version: 1.0
Content-Type: text/plain; charset="US-ASCII"
Content-Transfer-Encoding: 7bit

Brian,

Try using Ohms Law. Just find out how much current it draws, and the terminal voltage. Divide the terminal voltage by the amps to get the resistance.

Having said that, I understand that on some of the newer cars, a high frequency AC signal is generated and passed through the traces. This may change the readings considerably.

You could also try using an MFJ Antennna Analyzer to see where it resonates.

Rod

WE7X

Date: Thu, 3 Apr 2003 00:07:34 -0500
From: "Charles W3KC" <w3kc@starpower.net>
To: <hamjoel@juno.com>,
"Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [148507] Re: CURIOS ANT QUESTION
Message-ID: <000901c2f99e\$f37b7aa0\$46002c42@w3kc>

Joel- Sounds like a fun project - but this is tricky. You could also feed both tuners from your rig via an adjustable phasing network. One catch is that the antennas may interact with one another upsetting your tuner settings. Or you could feed one antenna via your tuner and use the other antenna as a reflector or director by shorting its feedline so it acts as a stub. Or, you could connect the feedlines and operate it as a bidirectional W8JK array. In that case you get more gain with a spacing of about 1/8 wavelength. but you need good insulators and heavy wire to minimize losses. By tweaking the feedline lengths it is possible to get some front to back ratio which you say you want. Check an older ARRL antenna book for good info on the W8JK.

A benefit of the W8JK is that at low heights, you get cancellation of the high angle radiation and it becomes a pretty good dx antenna.

72 de Chas W3KC

----- Original Message -----

From: <hamjoel@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Sent: Wednesday, April 02, 2003 9:13 PM

Subject: CURIOUS ANT QUESTION

> HIGH Y;ALL
> ah gonna try and stay close to english as used north of I10...
> I wants to make an antenna... consisting of two dipoles cut the same length
and fed at the center with 300 ohm twin lead... the twin lead cut the same
length on each antenna to the radio....
> here's the catch... i wants to put one twin lead to my radio.... through a
tuner... and then ah wants to put the other twin lead to another tuner and try
to make the ant directional in one direction or the other by adjusting the tuner
connected to the other antenna.... I guess spacing of the dipoles would need to
be a quarter wave on the band of choice....
> also i wonders iffin i could get other directions outta the antenna with
this method...
> any feed back would be apreciated as ah gots to take down my working
antenna to try this...
> Ah thanks u in advance
> ke1la
> joel in maine
> displaced and looking for warm wx...
>
>
> KE1LA JOEL
> IN MAINE
> FREEZIN
>
>
> -----
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Date: Wed, 2 Apr 2003 23:17:46 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@Lehigh.EDU>
Cc: "Jack Vaughn" <jvanghn@cswnet.com>, "W6JC" <W6JC@cox-internet.com>,
"Michael R Bredernitz" <kd5gqy@yahoo.com>,
Subject: [148508] Arkiecon's the Force is with US!
Message-ID: <[01e001c2f9a0\\$6064d660\\$469b66a6@jay](mailto:01e001c2f9a0$6064d660$469b66a6@jay)>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Late breaking news----- I feel like a war reporter! :-)

Hi Gang,

Tom Schiller, N6BT, called me at work today and says he will be attending Arkiecon 2003 as a guest speaker! Tom, as most of you know already, is the proprietor of Force 12 antennas.

For years Clifton Sikes has been bugging me to get some forums on operating QRP not just building QRP! For years I have been trying Clif, hihi.

Tom's forum will be on "Team Vertical". Team Vertical holds all the current records in CQ WW QRP. Tom's QRP record on 75m even beats the low power category!!! The rigs of choice were the Elecraft K2 and the antennas were Force 12 verticals (Of course!). There have been many articles written about this team and now you have one of them (Tom) to learn from in person!!

Tom will be a great addition to Arkiecon 2003 QRP forum. Let's see operating, contesting, and antennas all rolled up into one! It doesn't get any better than that, right Clifton?

Cu this weekend and 73 de jay..

Date: Wed, 2 Apr 2003 23:17:43 -0600
From: "Mark Andrews \((KE4IOF)\)" <KE4IOF@ke4iof.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [148509] Re: Soldering Irons
Message-ID: <004301c2f9a0\$5ba48f30\$596ffea9@carrera>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I've been using the same Entex 15W miniature soldering iron for almost 20 years. Weighs about 2-3 ounces, heats up in less than 30 seconds, cools to room temp in less than 2 minutes, only 45 seconds to change tips (no tools needed). All in all, a great iron. So far, have never lifted a trace nor destroyed a component (that I can remember! :-)

Go to www.antex.co.uk, although there are many distributors on the internet. Search Google.com for Antex Soldering Irons.

Mark

2:00 p.m. to 2:45 p.m.

"Gentleman Jim Cates" "43 Years of QRP"

3:00 Main QRP Prize Giveaway.

Must be present.

Must be licensed!

3:00 to 5:00 QRP fellowship, operating, antenna, demonstrations.

5:00 p.m.

Free Barbeque!

No beans for Doug!!

6:00 p.m. till we call it quits?

Building Contests. Winners receive prizes from Vern Wright, ARCI, Dennis Foster, West Mountain Radio, NJQRP, Tony Fishpool and Graham Firth.

Categories---Kit, Homebrew, and Sidekick. Maybe more---MC Doug? :-)

W5YR Elmering (Spectra Pro, Balun Buster, and Wattmeter Calibration demonstrations).

MORE FUN, etc.

73 de w5jay..

Date: Thu, 3 Apr 2003 0:7:3 -0600

From: "Doc K0EVZ" <dock0evz@earthlink.net>

To: "Elecrafft " <elecrafft@mailman.qth.net>,
"qrp-l reflector" <qrp-l@lehigh.edu>

Cc: "doc k0evz earthlink" <dock0evz@earthlink.net>

Subject: [148511] [re]Effect of "Level" Control

Message-ID: <412003443673158@earthlink.net>

MIME-Version: 1.0

Content-type: text/plain; charset=US-ASCII

Gang:

Someone wondered what "Level" control I was referring to. It's a pushbutton on the front of the K2, right near the Keyer control. This switch toggles (when pressed hard) between LO THR and HI THR. In the HI THR position the band noise goes way down, while the desired signals stay at the same level = VOILA, peace and quiet. Gotta tell ya, the rig now sounds absolutely stunning. Guess everyone else knew about this, but it is a revelation to me.

Only problem is that I am having so much fun, I don't want to turn off the radio to so sleep. Been working 30 Metres all evening and the radio is fabulously quiet now (at the HI THR position).

PS--Could this be a function of this particular rig?

73,
--Doc/K0EVZ

Date: Thu, 3 Apr 2003 00:30:08 -0600
From: "Jay Bromley" <w5jay@alltel.net>
To: <qrp-1@Lehigh.EDU>, "Jack Vaughn" <jvanghn@cswnet.com>,
"W6JC" <W6JC@cox-internet.com>,
Subject: [148512] Arkiecon Prizes
Message-ID: <025101c2f9aa\$7cac0500\$469b66a6@jay>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Wow I can hardly type or sleep. The old hart is pumping big time now that we are getting close to this weekend.

There are many behind the scenes organizations, businesses, and people that make Arkiecon a huge success. Here are some of this year's biggies and some of the prizes they donated. We never ask or solicit prizes.. I will try not to forget anyone! I can't thank the sponsors enough, but I will try. Thank you all from the bottom of my heart! 73 de jay/w5jay..

All of these prizes will be given away to the building contest winners.

Categories: Kit, Homebrew, Sidekick.

Vern Wright----- MP-1

ARCI----- DSW II

NJQRP

NorCal

Dennis Foster TeeNeKey guru

West Mountain Radio

Jerry Parker----Arkicon Badges, makes us look real good, and does the pre-registration every year. Thank you Jerry!

Tony Fishpool

Graham Firth

Jim Cates

Last but not least Doug Hendricks!

Date: Thu, 03 Apr 2003 05:11:00 -0500
From: Mike Czuhajewski <wa8mcq@comcast.net>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>,
GQRP List <GQRP@yahoogroups.com>
Cc: Mike Czuhajewski <wa8mcq@comcast.net>
Subject: [148513] Signing up for QRP related Yahoo groups
Message-ID: <018701c2f9c9\$53f4f3a0\$6401a8c0@gambrl01.md.comcast.net>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

I recently said that to sign up for Yahoo groups you have to sign up to Yahoo itself first but it turns out that I was wrong. Tony Fishpool, G4WIF, told me that is not the case. Here's what he had to say--

....you don't have to sign up to Yahoo at all -- however the web interface does give you some extra options.

Yahoo don't make a big thing of this but you can join any Yahoo list simply by sending an email.

To subscribe by e-mail:

send an email to the following without subject or text:

to:- gqrp-subscribe@yahoogroups.com - to subscribe to the [GQRP] list.

Substitute GQRP for the list name of any other Yahoo list. There are more detailed instructions on the "internet conference" page of the GQRP website at www.gqrp.com.

WA8MCQ note--here are the proper Yahoo names of the other groups I mentioned:

BMHA
hfpack
Rock-Mite_Group

73 and queue our pea DE WA8MCQ

Date: Thu, 03 Apr 2003 07:14:55 -0500
From: "Charles Mabbott" <aa8vs@msn.com>
To: wkhibbert@juno.com, qrp-1@Lehigh.EDU
Subject: [148514] Re: SHOCK & AWE (was BBQ Rules) - comment
Message-ID: <BAY4-F31aogxLDp7mvj00015014@hotmail.com>
Mime-Version: 1.0
Content-Type: text/plain; format=flowed

Did not see post on rules either. Did find in the archives.

73 Chuck AA8VS

"Whoever said the pen is mightier than the sword obviously never encountered automatic weapons."

<http://68.43.100.7:81/aa8vs>

>From: wkhibbert@juno.com
>Reply-To: wkhibbert@juno.com
>To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
>Subject: Re: SHOCK & AWE (was BBQ Rules)
>Date: Wed, 2 Apr 2003 22:43:28 -0500
>
>Hi. Keith here in the Depths of the Great Bergen Swamp
>
>For whatever reason the post on the rules did not get through here.
>Maybe one of my filters got it.
>
>What was the date of the original post? I have the Archives, but not the
>time to dig a lot.
>
>Thanks.
>
>73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section
>President, Brockport Amateur Radio Klub
>"My night light runs more power than my Rig!!!"
>
>
>-----
>Sign Up for Juno Platinum Internet Access Today
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Date: Thu, 3 Apr 2003 04:44:31 -0800
From: leehopp@msn.com
To: "Posting to the list QRP-L" <qrp-1@Lehigh.EDU>
Cc: <wkhibbert@juno.com>
Subject: [148515] Re: SHOCK
Message-ID: <BAY4-DAV100wRhD54wG000139da@hotmail.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi, Keith -

It was Mon Mar 31 2003 - 19:02:44 EST

You can view it at
<<http://listserv.lehigh.edu/lists/Archives/qrp-1/date.html>>

73 -

Lee Hopper, NB7F

Date: Thu, 3 Apr 2003 08:21:54 -0500
From: "Ken Newman" <N2CQ@Dandy.Net>
To: "N4SO" <N4SO@Juno.com>, "Norm Into" <normk8ni@neo.rr.com>,
"W3BG" <W3BG@arrl.net>, "NJ-QRP Club" <NJQRP@njqrp.org>,
Subject: [148516] [CONTEST] N2CQ QRP Contest Calendar - April 2003
Message-ID: <02ca01c2f9e4\$0296c450\$2fe980d1@kensdell>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

~~~~~  
N2CQ QRP CONTEST CALENDAR  
April 2003  
~~~~~

Missouri QSO Party (ALL)
Apr 5 - 1800z to Apr 6 - 0500z
Apr 6 - 1800z to Apr 6 - 2400z
Rules: <http://www.qsl.net/w0ma/contests.htm>
~~~~~

ARS Spartan Sprint (CW) ... QRP Contest!!  
Apr 8 - 0100z to 0300z (Monday evening US/Canada)  
Rules: [http://www.natworld.com/ars/pages/spartan\\_sprints/ss\\_rules.html](http://www.natworld.com/ars/pages/spartan_sprints/ss_rules.html)  
~~~~~

QRP ARCI Spring QSO Party (CW)QRP Contest!!!
Apr 12 - 1200z to Apr 13 - 2400z
Rules: <http://personal.palouse.net/rfoltz/arci/arcitst.htm>
~~~~~

Georgia QSO Party (CW/SSB) ... QRP Category  
Apr 12 - 1800z to Apr 13 - 0359z  
Apr 13 - 1400z to Apr 13 - 2359z  
Rules: <http://gqp.contesting.com>  
~~~~~

UBA Spring Sprint (80m SSB) ... QRP Entries Noted
Apr 13 - 0600z to 1100z
Rules: <http://www.sk3bg.se/contest/ubasprc.htm>
~~~~~

The TARA Wakeup PSK31 Rumble (Digital) ... QRP Category

Apr 19 0000z to 2400z  
Rules: <http://www.qsl.net/wm2u>

~~~~~  
Estonian (ES) Open HF Championship (CW/SSB) (80 & 40) ...QRP Category
Apr 19 - 0500z to 0859z
Rules: <http://www.sk3bg.se/contest/esopen.htm>

~~~~~  
GACW CW DX Contest (Samuel Morse CW Party) ... QRP Category  
Apr 19 - 1200z to Apr 20 - 1200z  
Rules: <http://gacw.no-ip.org>

~~~~~  
Michigan QSO Party (CW/SSB) ...QRP Category
Apr 19 - 1600z to Apr 20 - 0400z
Rules: <http://www.miqp.org/>

~~~~~  
Ontario QSO Party (CW/SSB) ... QRP Category  
Apr 19 - 1800z to Apr 20 - 1800z  
Rules: <http://www.odxa.on.ca/oqprules.html>

~~~~~  
Low Power Spring Sprint (CW) ... QRP Category
Apr 21 - 1400z to 2000z
Rules: <http://www.arrl.org/contests/months/apr.html>

~~~~~  
Helvetia Contest (CW/SSB) (Swiss) ...QRP Category  
Apr 26 - 1300z to Apr 27 - 1300z  
Rules: [http://www.uska.ch/html/en/index\\_e.htm](http://www.uska.ch/html/en/index_e.htm)

~~~~~  
QRP To The Field (CW) ...QRP Contest!!
Apr 26 - 1500z - 2400z (Pick any 6 hours)
Rules: <http://www.norcalqrp.com/>

~~~~~  
Florida QSO Party (CW/Phone) ...QRP Category  
Apr 26 - 1600z to Apr 27 - 0159z and  
Apr 27 - 1200z to 2159z  
Rules: <http://www.qsl.net/fqp/>

~~~~~  
Nebraska QSO Party (CW/SSB) ... QRP Category
Apr 26 - 1700z to Apr 27 - 1700z
Rules: <http://www.qsl.net/hdxa/neqso/index.htm>

~~~~~  
Thanks to SM3CER, WA7BNM, N0AX(ARRL), WB3AAL and others  
for assistance in compiling this calendar.

Please forward the contest info you sponsor to N2CQ@ARRL.NET and  
we will post it and give it more publicity.  
Anyone may use this "N2CQ QRP Contest Calendar" for your website,  
newsletter, e-mail list or other media as you choose.  
(Include a credit to the source of this material of course.)

72 de  
Ken Newman - N2CQ  
N2CQ@ARRL.NET  
<http://www.njqrp.org/data/contesting.html>  
<http://www.n3epa.org/Pages/Contest/contest.htm>  
<http://www.qsl.net/cqrp/contests.html>

-----  
Date: Thu, 3 Apr 2003 09:30:00 -0500  
From: wkhibbert@juno.com  
To: hamjoel@juno.com  
Cc: qrp-l@lehigh.edu  
Subject: [148517] Re: CURIOUS ANT QUESTION  
Message-ID: <20030403.093100.-363875.0.wkhibbert@juno.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset=us-ascii  
Content-Transfer-Encoding: 7bit

Hi Joel. Keith here in the Depths of the Great Bergen Swamp

Here's some info I found for your antenna question:

-----< dipole\_array.txt >-----

#### Phased Horizontal Arrays

Source: The ARRL Antenna  
Book, 14th Edition,  
Chapter 8, Page 8-11

"Phased arrays with horizontal elements can be used to advantage at 7 MHz, if they can be placed at least 40 feet above ground. Any of the usual combinations will be effective. If a bidirectional characteristic is desired, the W8JK type of array is a good one. If a unidirectional characteristic is required, two elements can be mounted about 20 feet apart and provisions included for tuning one of the elements as either a director or reflector.

The parasitic element is tuned at the end of

its feed line with a series- or parallel-tuned circuit (whichever would normally be required to couple power into the line), and the proper tuning conditions can be found by using the system for receiving and listening to distant stations along the line of maximum radiation of the antenna. Tuning the feeder to the parasitic element will peak the signal."

The ARRL Antenna Book also included a diagram showing either the classic W8JK feed (crossed-over open wire line between the dipoles, fed in the middle of the crossover section) with a spacing of 16 feet between the dipoles and two paralleled dipoles spaced 20 feet apart with open wire (or balanced line) going to the station from each dipole. One of the dipoles is labelled "Parasitic" and the other is labelled "Driven"

According to the text on the illustration, "The length of the elements in either antenna should be exactly the same, but any length from 60 to 150 feet can be used. If the length of the antenna at A (the W8JK) is between 60 and 80 feet, the antenna will be bidirectional along the same line on both 7 and 14 MHz. The system at B (the parasitic dipole array), can be made to work on 7 and 14 MHz in the same way, by keeping the length between 60 and 80 feet."

eof

So, with a couple of trees in the right spot, some twin lead, wire and time you could have a dual-band directional array. At QRP levels, a receive rated variable cap would handle the tuned circuit duties and with a suitable arrangement you could quickly retune on 20 and 40 Meters. I don't see why it would not work on 30 Meters also, but 30 Meters was not a ham band at the time the edition of the Antenna Book I have was printed.

Have fun and let us know how it works out.

73, Wm. Keith Hibbert, WB2VUO, TC/WNY ARRL Section  
President, Brockport Amateur Radio Klub  
"My night light runs more power than my Rig!!!"

-----  
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-----

Date: Thu, 03 Apr 2003 15:18:42 +0000  
From: "Brad Hernlem" <alihernlem@hotmail.com>  
To: qrp-l@lehigh.edu  
Subject: [148518] Re: Question on Wideband Transformers/Use of 'filar windings  
Message-ID: <F121jFEkwTdPD8ypqU700022a32@hotmail.com>  
Mime-Version: 1.0  
Content-Type: text/plain; format=flowed

>From: "Chris Trask" <chistrask@earthlink.net>

> >  
> > Is there a table or a formula from which one can obtain  
> > characteristic impedance values for bifilar wire? How do  
> > insulation thickness, insulation characteristics, wire  
> > diameter/gauge, # twists per length, and so on affect  
> > characteristic impedance?  
> >  
>  
>Brad,  
> You need to get yourself a copy of the following paper, which will  
>take  
>care of all those questions:  
>  
> Lefferson, P., "Twisted Magnet Wire Transmission Line," IEEE  
> Transactions on Parts, Hybrids, and Packaging, Vol. PHP-7,  
> No. 4, Dec 1971, pp. 148-154.  
>

I took Chris' advice and secured a copy of the aforementioned article.  
Thanks loads, Chris!

Important points from the conclusions are that a) the characteristic impedance goes up with decreasing wire diameter, b) impedance drops as the wires are more twisted, and c) as the wire is more twisted the dielectric constant of the insulation becomes more important. The author states that pitch angles (related to twisting) between 20 and 45 degrees are optimal (copper wires break around 50.5 degrees). He also states that the practical useful range of characteristic impedance of twisted magnet wire transmission lines is 10-60 ohms.

Brad KG6IOE

-----  
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-----  
Date: Thu, 3 Apr 2003 09:57:02 -0500  
From: "John Huffman" <hjohnc@core.com>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Subject: [148519] April Spartan Sprint Announcement  
Message-ID: <01be01c2f9f7\$4b573540\$8bac59cf@jhuffman1t>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

-- Spartan Sprint Contest Monday --

No April foolin', the April Spartan Sprint is Monday. If you switch to daylight time this weekend, you'll be fine. If not, you'll miss the first hour. If you are in parts of Arizona and Indiana who don't change to daylight savings time, good luck. You're on you own to figure all this out.

This month there will be special recognition for those who operate outdoors. Please note you were outdoors in your Soapbox comments after the contest.

We'll also recognize those using portable antennas. Portable means you could take it hiking, biking, etc. and set it up at a campsite. Again, please note your portable antennas in the Soapbox comments.

If it's portable and outdoors, it's Adventure Radio!

The April Spartan Sprint will be held on April 7, 2003 (which is our standard date--the first Monday of the month). It's two hours of fun as you contact other QRP CW stations on 80, 40, 20, 15, 0r 10 meters. The contest starts at 9 pm Eastern DAYLIGHT, 8 pm Central DAYLIGHT, 7 pm Mountain DAYLIGHT, 6 pm Pacific DAYLIGHT. The exchange is RST - State - Power (e.g. 559 MI 5W). Contest details and rules are below.

NOTE - The deadline for logs is noon on Wednesday, Pacific DAYLIGHT Time.

-- Logging Programs --

Keep track of your Spartan Sprint contacts with our free contest logging program. Download the latest version at:

[http://www.natworld.com/ars/pages/spartan\\_sprints/ss\\_logger.html](http://www.natworld.com/ars/pages/spartan_sprints/ss_logger.html)

Steve, N90H, has written a plug-in for WriteLog to add ARS Spartan Sprint support that can be downloaded from Steve's website:

<http://wlmods.n9oh.com>

-- Weight Rules --

The specifics of our weight rules for the Skinny Division can be found at:  
[http://www.natworld.com/ars/pages/spartan\\_sprints/ss\\_weight\\_rules\\_new.html](http://www.natworld.com/ars/pages/spartan_sprints/ss_weight_rules_new.html)

-- Contest Rule Summary --

You may operate on any one or more of five bands--80, 40, 20, 15, and 10 meters. Don't worry if your station is a bit heavy and not quite trail-ready. We commend the winners in two categories--overall points (the Tubby Division), and points per pound (the Skinny Division).

1. In the Eastern time zone, start at 9PM and end at 11PM, local time. In the Central time zone, start at 8PM and end at 10PM, local time. In the Mountain time zone, start at 7PM and end at 9PM, local time. In the Pacific time zone, start at 6PM and end at 8PM, local time. (When the U.S. is observing Standard Time, this slot is 0200 to 0400 UTC. When the U.S. is observing Daylight Time, this slot is 0100 to 0300 UTC.)

2. The frequencies will be 3560+- kHz, 7040 kHz+-, 14060 kHz+-, 21060 kHz+-, and 28060 kHz+-. (You may operate any number of bands--your choice.)

3. Exchange RST, SPC (state, province or country) and power output.

4. If you choose to call CQ, use the format "CQ SP," or "CQ QRP TEST."

5. You can take credit for working the same station on a second, third, or fourth band.

After the contest, we invite you to use our autolog, which is part of the ARS Sojourner. Just go to [www.natworld.com/ars](http://www.natworld.com/ars) and follow the link for "Direct access to autologs". Or you can speed things up by going directly to the Spartan Sprint autolog page at [www.natworld.com/ars/ss\\_log.html](http://www.natworld.com/ars/ss_log.html)

"Station Weight" is defined as the combined weight of all transmitters, receivers, keys, keyers, batteries, and power supplies used during the Sprint. We use decimal pounds, rather than pounds and ounces. You may report your weight to the nearest 10th of a pound, or, at your option, the nearest 100th of a pound. For stations weighing less than one pound, we recommend the nearest 100th of a pound.

If you don't have access to the web, send John Huffman, NA8M, an email with your total QSOs and the total weight of your station. You may also include



your comments from the soapbox. John's email address is hjohnc@core.com

We publish results for each Spartan Sprint on the Thursday following the Sprint. This may be the world's quickest contest reporting! Please send us your log as soon as possible, but in no event later than Wednesday at noon.

\*\*\*\*\*

73 de NA8M

John

Contest Manager

Adventure Radio Society

-----  
Date: Thu, 3 Apr 2003 16:08:10 GMT

From: hamjoel@juno.com

To: qrp-1@Lehigh.EDU, fpqrp-1@mpna.com

Subject: [148520] THANKS FOR ANT REPLIES

Message-ID: <20030403.080903.3730.125682@webmail08.lax.unttd.com>

HIGH Y'ALL

Thanks much for the great suggestions on my antenna project... I have a two element yagi with 14 ft spacing up about 40 foots right now.

however it is pointed at the states only...

man this is like the good ole days on the list, very refreshing

thanks guys...

ke1la joel

in maine

seeing actual ground

in places

KE1LA JOEL

IN MAINE

FREEZIN

-----  
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-----  
Date: Thu, 3 Apr 2003 08:28:03 -0500  
From: "Walter Amos" <waltk8cvamosqrp@earthlink.net>  
To: "Qrp-L Posts" <qrp-l@lehigh.edu>  
Subject: [148521] Fw: Load-Center Surge Suppressors  
Message-ID: <000101c2fa05\$dd68ab40\$345bf4d1@waltamos>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="Windows-1252"  
Content-Transfer-Encoding: 7bit

I took a close hit last year and everything with a surge suppressor ( some home brew ones with MOVs ) survived, the one TV on the kitchen table just plugged into the wall gave up the ghost.

I don't think anything will survive a DIRECT HIT !

I still try and disconnect everything during a thunder storm. Both antennas and ac plugs!

Walt K8CV Royal Oak, MI.

----- Original Message -----

From: "Tim Groat" <tcgroat@earthlink.net>  
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>  
Sent: Wednesday, April 02, 2003 8:48 PM  
Subject: Re: Load-Center Surge Suppressors

> I've been using a Square-D "Surgebreaker" suppressor in my main panel the  
> past nine years. This fits into a standard 2-pole breaker position and  
also  
> has a wire to the neutral bus. It only fits in Square-D panels, of course.  
> I also use the typical outlet strip suppressors for the radios, computer,  
> etc. as a second level of protection.  
>  
> Results: no news is good news. That's with above-average surge exposure  
> (rural area, overhead power lines, moderate thunderstorm frequency). But  
> there's been no direct hits (so far).  
>  
> No interest in Square-D, not to be used as professional advice, anecdotal  
> evidence isn't proof, your mileage may vary.  
>  
> 72,  
>  
> --Tim (KR0U)

>  
> >"Charles W3KC" <w3kc@starpower.net>:  
> >  
> >Any of you folks have any experience with subject devices? Considering  
> >installing one in the main service breaker panel in an attempt to provide  
some  
> >measure of transient surge protection for the whole house (radios,  
computers,  
> >appliances with microcircuitry, etc.).  
> >72 de Chas W3KC  
>  
>

-----  
Date: Thu, 3 Apr 2003 12:32:57 -0500  
From: "AI2Q" <ai2q@adelphia.net>  
To: "QRP-L (E-mail)" <qrp-l@Lehigh.EDU>  
Subject: [148522] FS: 6-M rig  
Message-ID: <000401c2fa07\$11c47d00\$6401a8c0@alex>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

The deal on this low power 6-M rig fell through, so it's back on the block.

FOR SALE: Gonset Communicator IV. Cabinet fine. Front panel has some scratches, but nothing serious. Rig is re-tubed and aligned. Built-in DC-to-DC converter for mobile operation.

Continuously tunable receiver, covering the whole 6-M band, but uses crystals for xmit (I will include six rocks). Push-pull plate modulation. Original dual-fused AC power cord terminated in a Jones plug.

I have JPEGs. Send me an e-mail.

Asking \$75. My shipper is tops. You pay shipping costs to wherever.

Vy 73, AI2Q, Alex in Kennebunk, Maine QRP-L #687 .-.-.

-----  
Date: Thu, 3 Apr 2003 12:10:11 -0600  
From: "Jay Bromley" <w5jay@alltel.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [148523] Re: Arkiecon Prizes  
Message-ID: <038401c2fa0c\$451bda40\$469b66a6@jay>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"  
Content-Transfer-Encoding: 7bit

Guys and Gals I told you I would forget someone important.

Another sponsor for Arkiecon 2003 is Mr. "Rock Mite" Dave Benson/Small Wonder Labs!

Now how and the heck did I forget that with him coming? I will blame it on "No Code Doug" since he is not here yet. :-)

Speaking of Doug, if you have any old code tapes laying around please offer them to Doug when you see him and ask if he needs some on the air help! He just hates being the blunt end of my jokes! But after that 10-4 good buddy post a few days ago he deserves it!!!

73 de jay..

----- Original Message -----

From: "Jay Bromley" <w5jay@alltel.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, April 03, 2003 12:30 AM  
Subject: Arkiecon Prizes

> Wow I can hardly type or sleep. The old hart is pumping big time now that  
> we are getting close to this weekend.

>

> There are many behind the scenes organizations, businesses, and people  
that

> make Arkiecon a huge success. Here are some of this year's biggies and  
some

> of the prizes they donated. We never ask or solicit prizes.. I will try  
> not to forget anyone! I can't thank the sponsors enough, but I will try.  
> Thank you all from the bottom of my heart! 73 de jay/w5jay..

>

> All of these prizes will be given away to the building contest winners.  
> Categories: Kit, Homebrew, Sidekick.

>

> Vern Wright----- MP-1

>

> ARCI----- DSW II

>  
> NJQRP  
>  
> NorCal  
>  
> Dennis Foster TeeNeKey guru  
>  
> West Mountain Radio  
>  
> Jerry Parker----Arkiecon Badges, makes us look real good, and does the  
> pre-registration every year. Thank you Jerry!  
>  
> Tony Fishpool  
>  
> Graham Firth  
>  
> Jim Cates  
>  
> Last but not least Doug Hendricks!  
>  
>  
>  
>

-----  
Date: Thu, 03 Apr 2003 13:06:11 -0500  
From: David Hinerman <WD8CIV@worldnet.att.net>  
To: qrp-l@lehigh.edu  
Subject: [148524] Re: Fw: Load-Center Surge Suppressors  
Message-ID: <5.1.1.6.1.20030403130353.00a771e0@ipostoffice.worldnet.att.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

At 08:28 AM 4/3/2003 -0500, you wrote:

>I took a close hit last year and everything with a surge suppressor ( some  
>home brew ones with MOVs ) survived, the one TV on the kitchen table just  
>plugged into the wall gave up the ghost.  
>  
>I don't think anything will survive a DIRECT HIT !  
>  
>I still try and disconnect everything during a thunder storm. Both antennas  
>and ac plugs!

Walt,

Don't forget phone lines! I had unplugged my PC's power cord during a

storm, but a surge induced on the phone line by a nearby strike took out the modem, the video card, and about 8 RAM chips. (Yes, it was a few years ago when RAM came in chips.)

Dave

-----  
Dave Hinerman  
WD8CIV@worldnet.att.net

-----  
Date: Thu, 3 Apr 2003 13:27:26 -0500  
From: "Upton, Shawn" <SUpton@ALLEGROMICRO.com>  
To: Stuart Rohre <rohre@arlut.utexas.edu>, qrp-1@Lehigh.EDU  
Subject: [148525] RE: Is the MFJ balun correctly jumpered into the circuit?  
Message-ID: <E1F0152638DBD311AEF700D0B74455E2D13FD6@exchange\_nh.allegromicro.com>  
MIME-Version: 1.0  
Content-Type: text/plain;  
                charset="iso-8859-1"

Yeah, it's jumpered correctly. Perhaps tonight I'll do some work on it again. Right now I've been having too much fun with the '817 on 20m PSK to fool around much with the Scout and 40m.

Shawn Upton, KB1CKT

-----Original Message-----  
From: Stuart Rohre [mailto:rohre@arlut.utexas.edu]  
Sent: Wednesday, April 02, 2003 12:06 AM  
To: Upton, Shawn; qrp-1@Lehigh.EDU  
Subject: Is the MFJ balun correctly jumpered into the circuit?

I just remembered the most common fault in Field Day set ups with parallel lines, and tuners with built in baluns. Most of the MFJ Tee tuners have a dotted line on the back between two of the binding posts. This dotted line tells you ,you MUST have a jumper wire there for the balun to work correctly, and you hook up only to the posts marked BAL. or balun, etc. 2 years ago, I found someone had Disconnected the jumper from my Dentron tuner at Field Day and could not figure why he could not tune up!

72,  
Stuart K5KVH

Date: Thu, 3 Apr 2003 13:50:26 -0500  
From: "Noyce, Bill" <william.noyce@hp.com>  
To: <qrp-1@lehigh.edu>  
Subject: [148526] Re: BBQ April 6th, 2003 [long]  
Message-ID:  
<6D6463F31027B14FB3B1FB094F2C74470347AF89@tayexc17.americas.cpqcorp.net>  
content-class: urn:content-classes:message  
MIME-Version: 1.0  
Content-Type: text/plain;  
          charset="iso-8859-1"  
Content-Transfer-Encoding: quoted-printable

Well, I thought the rules were complicated enough to print out, too, but they seem to make sense to me. (I'll admit up front to being naive and inexperienced...)

Long exchange to practice CW, and learn more about other participants. Sounds reasonable, as long as you send no faster than the other station is prepared to copy. Info about the antenna (wire?, beam?, height) might be interesting too, but let's save that for next time.

Moving after 10 minutes, and not calling CQ on QRP freq with >2W. Most of my experience is on 80 meters, where crowding isn't usually much of a problem. But on 40m during the Rock-Mite Flea Fest, with potentially a thousand rigs on the same pair of frequencies, a rule like this would have been helpful. I'm sure Chuck's choice of the time limit deliberately matches the FCC 10-minute ID requirement.

Logs by request only -- sounds fine.  
Computer logging not useful -- why not, I timidly ask?

Of course, nothing's perfect. Here are some reactions as I was reading this through the first time:

Starts at 12 noon -- then I'd better finish up my SW-40+, so I won't be stuck on a Rock-Mite or trying 80 meters in daylight.

Separate class and multiplier for single band -- maybe not use the 80m rig at all (it gets a workout Monday anyway).

Encouragement to use 80 meters -- OK, now I'm in a quandary!  
Can I be a "single band, single rig, single mode" entry if I stay on 40m until 10PM, then switch to 80? No, I didn't think so...

-- Bill, AB1AV

-----

Date: Thu, 3 Apr 2003 15:23:14 -0500  
From: Steve.Lawrence@ITWFEG.COM  
To: hamjoel@juno.com  
Cc: qrp-1@Lehigh.EDU  
Subject: [148527] Re: CURIOUS ANT QUESTION  
Message-ID: <0FAB0A0AE4.D39F5418-0N85256CFD.006F4FAF-85256CFD.006FFD33@itwfeg.com>  
MIME-Version: 1.0  
Content-Type: text/plain; charset="US-ASCII"

Joel,  
Another possibility is the "Field Day Special" designed by Roy Lewallen, W7EL, and described in the June 1984 QST. Some information and a DOS based design program are on Mr. Lewallen's web page:  
<http://www.eznec.com/miscpage.htm>

and a similar design:  
<http://www.cebik.com/a10/ant7.html>  
<http://www.cebik.com/gup/gup21.html>

Gl,  
Steve  
AA8AF

hamjoel@juno.com  
Sent by: owner-qrp-1@Lehigh.EDU  
04/02/2003 09:13 PM  
Please respond to hamjoel

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
cc:  
Subject: CURIOUS ANT QUESTION

HIGH Y;ALL

ah gonna try and stay close to english as used north of I10...

I wants to make an antenna... consisting of two dipoles cut the same length and fed at the center with 300 ohm twin lead... the twin lead cut the same length on each antenna to the radio....

here's the catch... i wants to put one twin lead to my radio.... through a tuner... and then ah wants to put the other twin lead to another tuner and try to make the ant directional in one direction or the other by adjusting the tuner connected to the other antenna.... I guess spacing of the dipoles would need to be a quarter wave on the band of choice....

also i wonders iffin i could get other directions outta the antenna



with this method...

any feed back would be appreciated as ah gots to take down my working antenna to try this...

Ah thanks u in advance

ke1la

joel in maine

displaced and looking for warm wx...

KE1LA JOEL

IN MAINE

FREEZIN

-----  
Date: Thu, 3 Apr 2003 16:29:39 -0500  
From: "Russ Hines" <wb8zcc@one.net>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Subject: [148528] Re: BBQ April 6th, 2003 [long]  
Message-ID: <00d301c2fa28\$2229dd40\$4307c00a@wb8zcc1>

Geez, NA5N was right.

Okay, may I suggest the following rules for the April 6th BBQ:

1. Work as many stations as you can QRP.
2. Pick any mode you want, as many bands as you want.
3. Work as many hours during the contest as you can stand.
4. Make a log or don't, any format. Submit a log or don't, any format.
5. Use whatever rig and antenna combo you want, whether it works or not.
6. HAVE FUN!
7. Ignore rules 1 thru 5.

My 2 cents. But if the current rules stand, I'll be busy doing something else.

73,  
Russ Hines  
WB8ZCC

----- Original Message -----  
From: "Noyce, Bill" <william.noyce@hp.com>  
To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>  
Sent: Thursday, April 03, 2003 1:50 PM

Subject: Re: BBQ April 6th, 2003 [long]

> Well, I thought the rules were complicated enough to print out, too,  
> but they seem to make sense to me. (I'll admit up front to being  
> naive and inexperienced...)  
>  
> Long exchange to practice CW, and learn more about other participants.  
> Sounds reasonable, as long as you send no faster than the other  
> station is prepared to copy. Info about the antenna (wire?, beam?,  
> height) might be interesting too, but let's save that for next time.  
>  
> Moving after 10 minutes, and not calling CQ on QRP freq with >2W.  
> Most of my experience is on 80 meters, where crowding isn't usually  
> much of a problem. But on 40m during the Rock-Mite Flea Fest, with  
> potentially a thousand rigs on the same pair of frequencies, a rule  
> like this would have been helpful. I'm sure Chuck's choice of the  
> time limit deliberately matches the FCC 10-minute ID requirement.  
>  
> Logs by request only -- sounds fine.  
> Computer logging not useful -- why not, I timidly ask?  
>  
> Of course, nothing's perfect. Here are some reactions as I was  
> reading this through the first time:  
>  
> Starts at 12 noon -- then I'd better finish up my SW-40+, so I won't  
> be stuck on a Rock-Mite or trying 80 meters in daylight.  
>  
> Separate class and multiplier for single band -- maybe not use the  
> 80m rig at all (it gets a workout Monday anyway).  
>  
> Encouragement to use 80 meters -- OK, now I'm in a quandary!  
> Can I be a "single band, single rig, single mode" entry if I stay  
> on 40m until 10PM, then switch to 80? No, I didn't think so...  
>  
> -- Bill, AB1AV

-----  
Date: Thu, 03 Apr 2003 16:41:47 -0500  
From: Hank Kohl K8DD <k8dd@arrl.net>  
To: qrp-l@lehigh.edu  
Subject: [148529] Hamvention in Dayton, OH  
Message-ID: <5.1.0.14.2.20030403163915.0389de80@mail.arenet.net>  
Mime-Version: 1.0  
Content-Type: text/plain; charset="us-ascii"; format=flowed

The Dayton Hamvention ([www.hamvention.org](http://www.hamvention.org))  
is May 16 - 18, 2003 and FDIM is May 15, 2003.

The QRP-ARCI block of rooms is again at the  
Ramada Inn - Dayton Mall, Exit 44 on I-75 south  
of Dayton. And as far as I know there is again this  
year bus service to HARA from the motel.

There are rooms available for \$74 per night plus  
taxes. Rooms are available on Wednesday, Friday  
and Saturday nights at this time - Thursday sold out  
real fast! Check <http://www.qsl.net/k8dd/rooms/ramada1.htm>  
for more information.

73 Hank K8DD

\*/ Hank Kohl K8DD [k8dd@arrl.net](mailto:k8dd@arrl.net)  
\*/ ARRL TS <http://www.qsl.net/k8dd>  
\*/ MI-QRP - Vice Pres. QRP-ARCI - Director  
\*/

If God intended you to be on single sideband, he would have given you only  
one nostril.

- Steve, K2PTS

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Date: Thu, 03 Apr 2003 16:57:33 -0500 (Eastern Standard Time)  
From: W2AGN <[w2agn@w2agn.net](mailto:w2agn@w2agn.net)>  
To: [wb8zcc@one.net](mailto:wb8zcc@one.net), [qrp-1@Lehigh.EDU](mailto:qrp-1@Lehigh.EDU)  
Subject: [148530] Re: BBQ April 6th, 2003 [long]  
Message-ID: <3E8CAE4D.000027.48121@w2agn>  
MIME-version: 1.0  
Content-type: Text/Plain  
Content-transfer-encoding: 7BIT

Hey, let's not boycott the contest, just the rules. Get on, work a bunch of  
fellow QRP-Lers, exchange whatever info you want, make a summary, and let  
Chuck sort it all out.

Suggested Exchanges

RST, SPC, NAME, MOTHER'S MAIDEN NAME, WAIST SIZE

or

RST, STATE Province, etc, Where you would LIKE to live, Actual Age, Emotional Age, Bra Size(applyes to men, too).

or

SPC, Age of Family Dog(if none, send 0), Age of Rig in Dog Years, QRP-L number minus first 3 digits of your Social Security Number. (Want some CW number practice?).

Possibilities are endless.

+---+---+---+---+ John L. Sielke  
|W||2||A||G||N| <http://www.w2agn.net> [UPDATED]  
+---+---+---+---+ Ex-K3HLU,TF2WKT,W7JEF,W4MPC,N4JS

-----Original Message-----

From: wb8zcc@one.net  
Date: Thursday, April 03, 2003 04:41:32 PM  
To: Low Power Amateur Radio Discussion  
Subject: Re: BBQ April 6th, 2003 [long]

Geez, NA5N was right.

Okay, may I suggest the following rules for the April 6th BBQ:

1. Work as many stations as you can QRP.
2. Pick any mode you want, as many bands as you want.
3. Work as many hours during the contest as you can stand.
4. Make a log or don't, any format. Submit a log or don't, any format.
5. Use whatever rig and antenna combo you want, whether it works or not.
6. HAVE FUN!
7. Ignore rules 1 thru 5.

My 2 cents. But if the current rules stand, I'll be busy doing something else.

73,  
Russ Hines  
WB8ZCC

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Date: Thu, 3 Apr 2003 14:19:18 -0800  
From: Mark Schoonover <schoon@amgt.com>  
To: "'w2agn@w2agn.net'" <w2agn@w2agn.net>,  
Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>  
Subject: [148531] RE: BBQ April 6th, 2003 [long]  
Message-ID: <BF889CEBEFD2D511B993009027F60ABE4F6A87@AG-JASMINE-NT4>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

>  
> RST, SPC, NAME, MOTHER'S MAIDEN NAME, WAIST SIZE  
^ May give  
new meaning to 'Tubby' Division!

72

.mark

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Date: Thu, 3 Apr 2003 15:37:12 -0800  
From: "Davies, Doug A FOR:EX" <Doug.Davies@gems3.gov.bc.ca>  
To: "'qrp-l@Lehigh.EDU'" <qrp-l@Lehigh.EDU>  
Subject: [148532] Circuit for 2M Tx Hunting  
Message-ID: <08D18BEFE0F59E4EB2BB78107B5A5271017376B5@blaze.bccsc.gov.bc.ca>  
MIME-Version: 1.0  
Content-Type: text/plain;  
charset="iso-8859-1"

Looking for a circuit to construct a 2 meter FM transmitter that can be used for transmitter hunting/direction finding. Needs to be able to transmit continuously with an output of about 1 watt (see, this is about QRP <grin>). Anyone know of such a circuit or can point me in the right direction?  
Thanks.

Doug VA7DD

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End of QRP-L Digest 2879

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